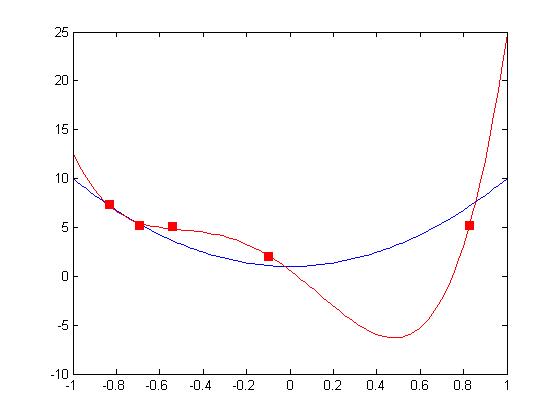
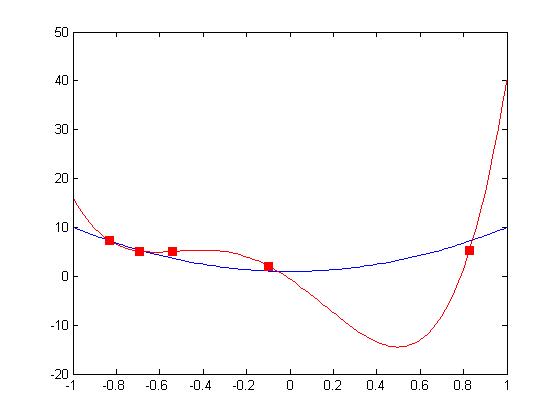
**CPT\_S 534 HW7**

**Yang Zhang**

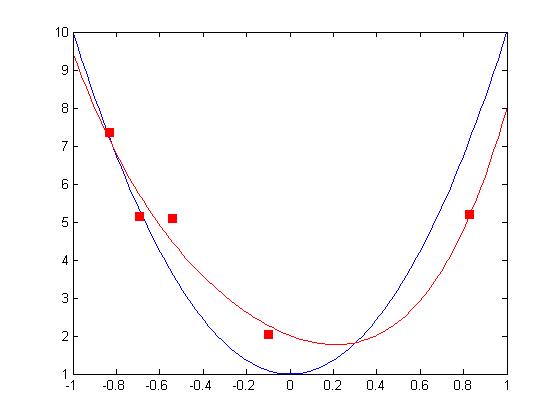
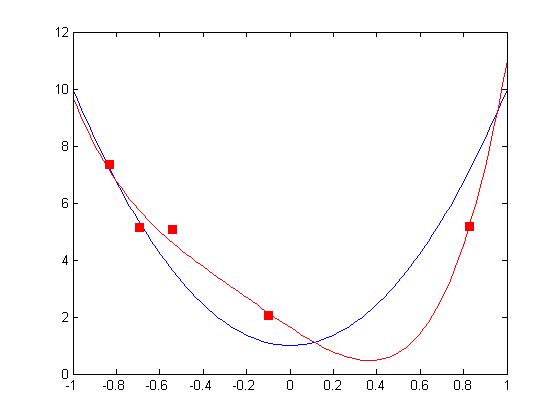
**11529139**

**1. Plots**

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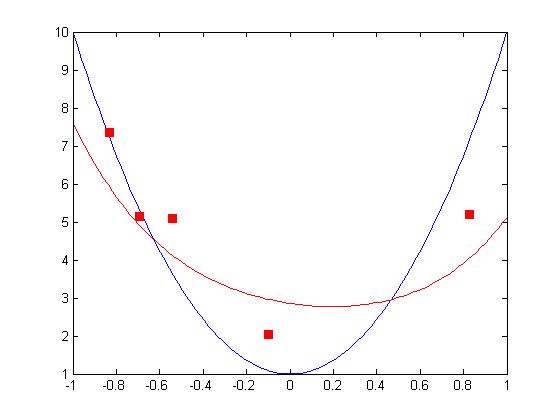
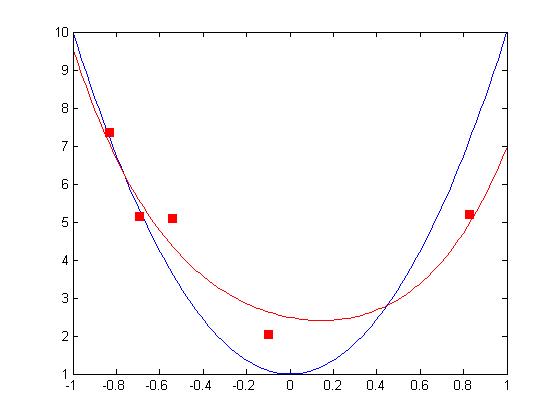




****

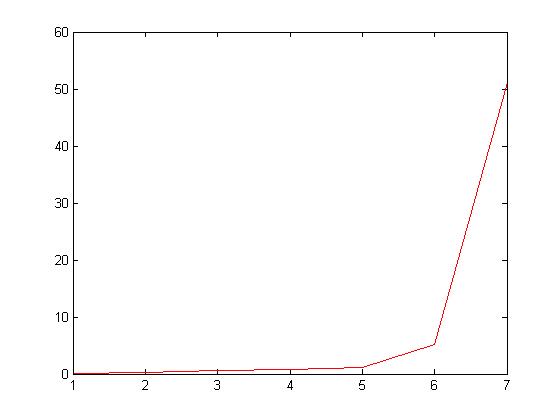
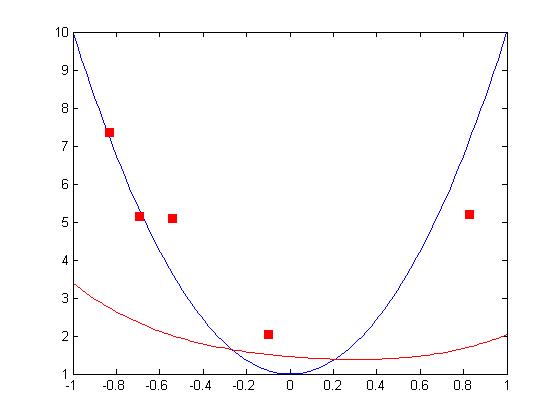
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

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

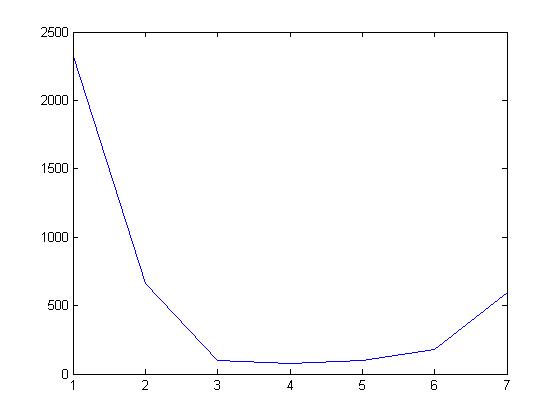


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Ein

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**2. Eval Plot**

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The elbow appears when lambda = 0.001 in the plot and Eval reaches minimum value when lambda=0.001

Run code 5 times, the best choice of lambda did change to 0.0001 sometimes